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LYON & LYON INT'L. PROSECUTION

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 249/282WO	FOR FURTHER ACTION	see Notification of (Form PCT/ISA/220	Transmittal of International Search Report) as well as, where applicable, item 5 below.
International application No. PCT/US/01/00926	International filing date	(day/month/year)	(Earliest) Priority Date (day/month/year) 24 JANUARY 2000
Applicant NANOGEN, INC.			
This international search report has been according to Article 18. A copy is being	g transmitted to the Interna	onal Searching Aut tional Bureau.	hority and is transmitted to the applicant
This international search report consists X It is also accompanied by a co		ment cited in this re	port.
language in which it was filed, the international search was Authority (Rule 23.1(b)). b. With regard to any nucleotide at was carried out on the basis of contained in the international filed together with the international furnished subsequently to thi the statement that the subsequently international application as filed.	unless otherwise indicated u carried out on the basis of and/or amino acid sequence the sequence listing: application in written for ational application in compass Authority in written forms Authority in computer researchly furnished written see led has been furnished, ion recorded in computer resums unsearchable (See Box I) ag (See Box II).	nder this item. If a translation of the disclosed in the intention. In the disclosed in the intention. In the disclosed in the intention. In the disclosed in the intention. It is a disclosed in the intention.	s of the international application in the e international application furnished to this emational application, the international search not go beyond the disclosure in the ical to the written sequence listing has been
5. With regard to the abstract. X the text is approved as submit the text has been established. Box III. The applicant may, we search report, submit commen	according to Rule 38.2(b) within one month from the), by this Authority date of mailing of t	as it appears in his international
6. The figure of the drawings to be pub as suggested by the applicant because the applicant failed to because this figure better characteristics.	0 suggest a figure.	Figure No	X None of the figures.

INTERNATIONAL SEARCH REPORT

International application No. PCT/US01/00926

A. CL	ASSIFICATION OF SUBJECT MATTER					
IPC(7)	:G01N 15/00					
US CL.	:422/68.1					
According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED						
U.S. :	documentation searched (classification system followadden)	wed by classification symbols)				
0.5.	422/50,68.1,69,82.01,82.05,82.06; 435/6,7.1,7.2; 43	36/501				
Document	ation searched other than minimum documentation to	the extent that such documents				
		and extent that such documents are include	d in the fields searched			
						
Electronic	data base consulted during the international search (name of data base and, where practicable	c. search terms used)			
Please S	ee Extra Sheet.		, see a s			
C. DO	CUMENTS CONSIDERED TO BE RELEVANT					
Category*			r:			
	Citation of document, with indication, where a		Relevant to claim No.			
Y	US 5,968,745 A (THORPE et al.) 19	October 1999, see especially	1-21			
	Figure 1 and column 4, line 18, throu	igh column 14, line 44.				
Y						
•	US 5,972,692 A (HASHIMOTO et especially column 3 line 62 throat	al.) 26 October 1999, see	1-21			
İ	especially column 3, line 62, through	column 14, line 12.				
Y	US 5.605.662 A (HELLER et al.) 25	Fohmom 1007				
	US 5,605,662 A (HELLER et al.) 25 column 5, line 24, through column 7,	line 67	1-21			
	o, and 21, anough column 7,	ille 67.				
Y	US 5,723,345 A (YAMAUCHI et al.)	3 March 1998 see especially	1.21			
	column 5, line 46, through column 10	. line 65.	1-21			
		1				
Y	US 5,965,452 A (KOVACS) 12 Octobe	r 1999, see especially column	1-21			
	8, 1 ines 30-65.					
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	r documents are listed in the continuation of Box C.	See patent family annex.				
Special categories of cited documents: T* later document published after the international filing date or priority date and not in conflict with the second date or priority						
10 00	ment defining the general state of the art which is not considered to particular relevance	date and not in conflict with the applic the principle or theory underlying the i				
	er document published on or after the international filing date	"X" document of particular relevance; the considered novel or cannot be considered when the document is set.	claimed invention cannot be			
Citta	ment which may throw doubts on priority claim(s) or which is to establish the publication date of another citation or other	when the document is taken alone				
speri	ar reason (s specified)	"Y" document of particular relevance: the considered to involve an inventor				
mean	means to an oral disclosure, use, exhibition or other combined with one or more other; such documents, such combination being obvious to a person skilled in the combination					
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Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 ARDIN MARSCHEL						
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INTERNATIONAL SEARCH REPORT

International application No. PCT/US01/00926

C(Continu	ation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant	D 0000	T
Y			Relevant to claim
Α	US 5,063,081 A (COZZETTE et al.) 05 November 1991, especially Figures 3 and 8B and related discussion.		1-21
A	US 5,466,575 A (COZZETTE et al.) 14 November 1995, sespecially Figures 3 and 8B and related discussion.	see	1-21
	(continuation of second sheet) (July 1998)★		

INTERNATIONAL SEARCH REPORT

International application No. PCT/US01/00926

B. FIELDS SEARCHED Electronic data bases consulted (Name of data base and where practicable terms used):					
CAS, WEST, MEDLINE, EMBASE,BIOTECH ABS, WPI covering search terms: electrode, permeation, substrate, photoelectric, face, layer, light, source, assay, nucleic, acid, immaunoassay, and transport					
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